

What is claimed is:

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1. An apparatus for connecting a TV (Television set) and a computer, comprising:

a TV coding unit for encoding various control signals such as a TV signal, etc. generated in a TV and generating a first packet signal;

a computer coding unit for encoding a computer signal such as a video signal, audio signal and various control signals generated in a computer and generating a second packet signal;

a TV transmission and receiving unit for receiving the first packet signal, transmitting the received first packet signal to the outside and receiving the second packet signal from the outside;

a computer transmission and receiving unit for receiving the second packet signal, transmitting the received second packet signal to the outside and receiving the first packet signal from the outside;

a TV decoding unit for receiving the second packet signal from the TV transmission and receiving unit, decoding the same and recovering into an original signal;

a computer decoding unit for receiving the first packet signal from the computer transmission and receiving unit, decoding the received first packet signal and recovering into an original signal; and

a transmission line connected between the TV transmission and receiving unit and the computer transmission and receiving unit for transmitting the first packet signal and the second packet signal.

2. The apparatus of claim 1, wherein said transmission line includes:

a first transmission line for transmitting the first packet signal from the TV transmission and receiving unit to the computer transmission and receiving unit; and

a second transmission line for transmitting the second packet signal from the computer transmission and receiving unit to the TV transmission and receiving unit.

3. A TV(Television set), comprising:

a TV coding unit for encoding a TV signal such as various control signals generated in a TV(Television set) and generating a first packet signal;

a TV transmission and receiving unit for transmitting the first packet signal to the outside and receiving the second packet signal from the outside;

a TV decoding unit for decoding the second packet signal and recovering into an original signal; and

a signal selection unit for selecting the signal recovered by the TV decoding unit and a TV video signal.

4. The apparatus of claim 3, wherein said second packet signal is generated by encoding the video signal and audio signal and various control signals generated in a computer which is separately installed.

5. A computer, comprising:

a computer coding unit for encoding a computer signal such as a video signal, audio signal and various control signals generated in a computer and generating a second packet signal;

a computer transmission and receiving unit for transmitting the second packet signal to the outside and receiving a first packet signal from the outside;

a computer decoding unit for decoding the first packet signal and recovering into an original signal; and

5 an interface unit for inputting the signal recovered by the computer decoding unit into a main board of the computer.

6. The computer of claim 5, wherein said first packet signal is generated by encoding various control signals generated in a TV which is separately installed.

7. A computer operation method, comprising the steps of:

a first step for performing a main routine;

15 a second step for outputting a video signal data, an audio signal data and a control data of a computer to a TV; and

a third step for receiving a mouse data, a keyboard data and a control data from the TV.

8. A TV(Television set) operation method, comprising the steps of:

20 a first step for performing a main routine;

a second step for receiving a video signal data, an audio signal data and a control data from a computer; and

a third step for outputting a mouse data, a keyboard data and a control data to the TV.